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#4 OIPE
RAW SEQUENCE LISTING
PATENT APPLICATION US/09/418,176DATE: 10/26/1999
TIME: 13:34:27

INPUT SET: S33766.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

- 1
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3 (1) General Information:
4
5 (i) APPLICANT: Das, Goutam
6
7 (ii) TITLE OF INVENTION: DNA Molecules for Expression of
8 Polypeptides
9
10 (iii) NUMBER OF SEQUENCES: 4
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: White & Case
14 (B) STREET: 1155 Avenue of the Americas
15 (C) CITY: New York
16 (D) STATE: New York
17 (E) COUNTRY: United States
18 (F) ZIP: 10036-2787
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER:
28 (B) FILING DATE:
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: 08/624,398
33 (B) FILING DATE: 04-APR-1996
34
35 (vii) PRIOR APPLICATION DATA:
36 (A) APPLICATION NUMBER: PCT/SE96/00318
37 (B) FILING DATE: 12-MAR-1996
38
39 (vii) PRIOR APPLICATION DATA:
40 (A) APPLICATION NUMBER: SE 9501939-4
41 (B) FILING DATE: 24-MAY-1995
42
43 (viii) ATTORNEY/AGENT INFORMATION:
44 (A) NAME: Thelma A. Chen Cleland
45 (B) REGISTRATION NUMBER: 40,948
46 (C) REFERENCE/DOCKET NUMBER: 1103326-0206

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47
48 (ix) TELECOMMUNICATION INFORMATION:
49 (A) TELEPHONE: (212) 819-8200
50 (B) TELEFAX: (212) 354-8113
51
52
53 (2) INFORMATION FOR SEQ ID NO:1:
54
55 (i) SEQUENCE CHARACTERISTICS:
56 (A) LENGTH: 2428 base pairs
57 (B) TYPE: nucleic acid
58 (C) STRANDEDNESS: double
59 (D) TOPOLOGY: linear
60
61 (ii) MOLECULE TYPE: cDNA to mRNA
62
63 (iii) HYPOTHETICAL: NO
64
65 (iv) ANTI-SENSE: NO
66
67 (vi) ORIGINAL SOURCE:
68 (A) ORGANISM: Homo sapiens
69 (F) TISSUE TYPE: mammary gland
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71 (ix) FEATURE:
72 (A) NAME/KEY: CDS
73 (B) LOCATION: 82..2319
74 (D) OTHER INFORMATION: /product= "bile-salt-stimulated
75 lipase"
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77 (ix) FEATURE:
78 (A) NAME/KEY: exon
79 (B) LOCATION: 985..1173
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81 (ix) FEATURE:
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91 (B) LOCATION: 1576..2415
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94 (A) NAME/KEY: mat_peptide
95 (B) LOCATION: 151..2316
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97 (ix) FEATURE:
98 (A) NAME/KEY: polyA_signal
99 (B) LOCATION: 2397..2402

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PATENT APPLICATION US/09/418,176DATE: 10/26/1999
TIME: 13:34:28

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102 (A) NAME/KEY: repeat_region
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147 (B) LOCATION: 2053..2085
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149 (ix) FEATURE:
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151 (B) LOCATION: 2086..2118
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DATE: 10/26/1999
TIME: 13:34:28

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167          (B) LOCATION: 2218..2250
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170          (A) NAME/KEY: repeat_unit
171          (B) LOCATION: 2251..2283
172
173      (x) PUBLICATION INFORMATION:
174          (A) AUTHORS: Nilsson, Jeanette
175                      Blackberg, Lars
176                      Carlsson, Peter
177                      Enerback, Sven
178                      Hernell, Olle
179                      Bjursell, Gunnar
180          (B) TITLE: cDNA cloning of human-milk
181                      bile-salt-stimulated lipase and evidence for its
182                      identity to pancreatic carboxylic ester hydrolase
183          (C) JOURNAL: Eur. J. Biochem.
184          (D) VOLUME: 192
185          (F) PAGES: 543-550
186          (G) DATE: Sept.-1990
187
188      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
189
190
191      ACCTTCTGTA TCAGTTAAGT GTCAAGATGG AAGGAACAGC AGTCTCAAGA TAATGCAAAG      60
192
193      AGTTTATTCA TCCAGAGGCT G ATG CTC ACC ATG GGG CGC CTG CAA CTG GTT      111
194                      Met Leu Thr Met Gly Arg Leu Gln Leu Val
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210	Ala Ala Pro Thr Lys Ala Leu Glu Asn Pro Gln Pro His Pro Gly Trp	
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213	CAA GGG ACC CTG AAG GCC AAG AAC TTC AAG AAG AGA TGC CTG CAG GCC	351
214	Gln Gly Thr Leu Lys Ala Lys Asn Phe Lys Lys Arg Cys Leu Gln Ala	
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218	Thr Ile Thr Gln Asp Ser Thr Tyr Gly Asp Glu Asp Cys Leu Tyr Leu	
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222	Asn Ile Trp Val Pro Gln Gly Arg Lys Gln Val Ser Arg Asp Leu Pro	
223	85 90 95	
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226	Val Met Ile Trp Ile Tyr Gly Gly Ala Phe Leu Met Gly Ser Gly His	
227	100 105 110 115	
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233	ACA CGC GGA AAC GTC ATC GTG GTC ACC TTC AAC TAC CGT GTC GGC CCC	591
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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/418,176

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Line	Error	Original Text
544	Stop Codon at end of sequence removed - no error	(2) INFORMATION FOR SEQ ID NO:3: